Naoum Tsolakis

List of Publications by Year in descending order

53 papers	1,647 citations	361388 20 h-index	315719 38 g-index
57 all docs	57 docs citations	57 times ranked	1411 citing authors

#	Article	IF	Citations
1	Agrifood supply chain management: A comprehensive hierarchical decision-making framework and a critical taxonomy. Biosystems Engineering, 2014, 120, 47-64.	4.3	190
2	Sustainable supply chain management in the digitalisation era: The impact of Automated Guided Vehicles. Journal of Cleaner Production, 2017, 142, 3970-3984.	9.3	161
3	Supply network design to address United Nations Sustainable Development Goals: A case study of blockchain implementation in Thai fish industry. Journal of Business Research, 2021, 131, 495-519.	10.2	136
4	Intelligent Autonomous Vehicles in digital supply chains: A framework for integrating innovations towards sustainable value networks. Journal of Cleaner Production, 2018, 181, 60-71.	9.3	105
5	The emerging role of water footprint in supply chain management: A critical literature synthesis and a hierarchical decision-making framework. Journal of Cleaner Production, 2016, 137, 1018-1037.	9.3	77
6	Eco-cities: An integrated system dynamics framework and a concise research taxonomy. Sustainable Cities and Society, 2015, 17, 1-14.	10.4	73
7	Mobile Robotics in Agricultural Operations: A Narrative Review on Planning Aspects. Applied Sciences (Switzerland), 2020, 10, 3453.	2.5	61
8	Data-driven secure, resilient and sustainable supply chains: gaps, opportunities, and a new generalised data sharing and data monetisation framework. International Journal of Production Research, 2022, 60, 4397-4417.	7.5	60
9	Human Activity Recognition through Recurrent Neural Networks for Humanâ€“Robot Interaction in Agriculture. Applied Sciences (Switzerland), 2021, 11, 2188.	2.5	53
10	AgROS: A Robot Operating System Based Emulation Tool for Agricultural Robotics. Agronomy, 2019, 9, 403.	3.0	52
11	Supply chain reconfiguration opportunities arising from additive manufacturing technologies in the digital era. Production Planning and Control, 2019, 30, 510-521.	8.8	49
12	Renewable chemical feedstock supply network design: The case of terpenes. Journal of Cleaner Production, 2019, 222, 802-822.	9.3	48
13	A Blockchain Framework for Containerized Food Supply Chains. Computer Aided Chemical Engineering, 2019, 46, 1369-1374.	0.5	43
14	Developing distributed manufacturing strategies from the perspective of a product-process matrix. International Journal of Production Economics, 2020, 219, 1-17.	8.9	41
15	Artificial intelligence and blockchain implementation in supply chains: a pathway to sustainability and data monetisation?. Annals of Operations Research, 2023, 327, 157-210.	4.1	41
16	Towards AI driven environmental sustainability: an application of automated logistics in container port terminals. International Journal of Production Research, 2022, 60, 4508-4528.	7.5	37
17	A water footprint management framework for supply chains under green market behaviour. Journal of Cleaner Production, 2018, 197, 592-606.	9.3	35
18	Managing the diffusion of biomass in the residential energy sector: An illustrative real-world case study. Applied Energy, 2014, 129, 56-69.	10.1	31

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19	Digital Technologies Towards Resource Efficiency in the Agrifood Sector: Key Challenges in Developing Countries. Sustainability, 2018, 10, 4850.	3.2	22
20	Supply chain analytics adoption: Determinants and impacts on organisational performance and competitive advantage. International Journal of Production Economics, 2022, 248, 108466.	8.9	22
21	Blue Water Footprint Management in a UK Poultry Supply Chain under Environmental Regulatory Constraints. Sustainability, 2018, 10, 625.	3.2	21
22	Intelligent autonomous vehicles in digital supply chains. Business Process Management Journal, 2019, 25, 414-437.	4.2	21
23	Sustainability Performance in Food Supply Networks: Insights from the UK Industry. Sustainability, 2018, 10, 3148.	3.2	20
24	A Water Footprint Review of Italian Wine: Drivers, Barriers, and Practices for Sustainable Stewardship. Water (Switzerland), 2020, 12, 369.	2.7	20
25	Sustainable water use through multiple cropping systems and precision irrigation. Journal of Cleaner Production, 2022, 333, 130117.	9.3	20
26	Mapping supply dynamics in renewable feedstock enabled industries: A systems theory perspective on â€˜greenâ€™ pharmaceuticals. Operations Management Research, 2018, 11, 83-104.	8.5	19
27	Digital supply network design: a Circular Economy 4.0 decision-making system for real-world challenges. Production Planning and Control, 2023, 34, 941-966.	8.8	18
28	Circular supply chains and renewable chemical feedstocks: a network configuration analysis framework. Production Planning and Control, 2018, 29, 464-482.	8.8	16
29	Industry 4.0: Sustainable material handling processes in industrial environments. Computer Aided Chemical Engineering, 2017, 40, 2281-2286.	0.5	15
30	Sensor Applications in Agrifood Systems: Current Trends and Opportunities for Water Stewardship. Climate, 2019, 7, 44.	2.8	15
31	A Digital Strategy Development Framework for Supply Chains. IEEE Transactions on Engineering Management, 2023, 70, 2493-2506.	3.5	15
32	Investigating dynamic interconnections between organic farming adoption and freshwater sustainability. Journal of Environmental Management, 2021, 294, 112896.	7.8	12
33	Decision Support Model for Evaluating Alternative Waste Electrical and Electronic Equipment Management Schemesâ€”A Case Study. Sustainability, 2019, 11, 3364.	3.2	10
34	Strategies to manage product recalls in the COVID-19 pandemic: an exploratory case study of PPE supply chains. Continuity & Resilience Review, 2021, 3, 64-78.	1.7	10
35	Interplay between Competing and Coexisting Policy Regimens within Supply Chain Configurations. Production and Operations Management, 2022, 31, 457-477.	3.8	9
36	Water footprint management in the fashion supply chain: A review of emerging trends and research challenges. , 2019, , 77-94.		7

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37	Scrutinising the interplay between governance and resilience in supply chain management: A systems thinking framework. European Management Journal, 2023, 41, 164-180.	5.1	7
38	Logistics Services Sector and Economic Recession in Greece: Challenges and Opportunities. Logistics, 2018, 2, 16.	4.3	6
39	An assessment of circular economy interventions in the peach canning industry. International Journal of Production Economics, 2022, 249, 108533.	8.9	6
40	Inventory planning and control in â€˜greenâ€™ pharmacies supply chains â€“ A System Dynamics modelling perspective. Computer Aided Chemical Engineering, 2017, , 1285-1290.	0.5	5
41	Environmental hotspots analysis: A systematic framework for food supply chains and implementation case in the UK poultry industry. Journal of Cleaner Production, 2021, 305, 126981.	9.3	5
42	Water Footprint Mitigation Strategies for Agrifood Products: The Application of System Dynamics in Green Marketing. Springer Proceedings in Business and Economics, 2017, , 275-281.	0.3	4
43	Unmanned aerial vehicles for inventory listing. International Journal of Business and Systems Research, 2021, 15, 748.	0.3	4
44	Electricity Pricing Mechanism in a Sustainable Environment: A Review and a System Dynamics Modeling Approach. Springer Proceedings in Business and Economics, 2017, , 291-297.	0.3	3
45	Unmanned Ground Vehicles in Precision Farming Services: An Integrated Emulation Modelling Approach. Communications in Computer and Information Science, 2019, , 177-190.	0.5	3
46	MIROR: A middleware software tool for interfacing mobile industrial robots with optimization routing algorithms. SoftwareX, 2022, 17, 100903.	2.6	3
47	HC-4-PM: A heterarchical communication framework for project management. SoftwareX, 2020, 12, 100557.	2.6	2
48	Selection and Evaluation of 3PL Providers. Advances in Logistics, Operations, and Management Science Book Series, 2013, , 280-295.	0.4	2
49	The Role of Marketing Interventions in Fostering the Diffusion of Green Energy Technologies. Springer Proceedings in Business and Economics, 2017, , 401-407.	0.3	1
50	Supply network configuration archetypes for the circular exploitation of solid waste. International Journal of Integrated Supply Management, 2020, 13, 302.	0.3	1
51	Entrepreneurial Prospects in Loyalty Marketing: Real-world Grocery Retailersâ€™ Market Survey & Conceptual Case Study. Procedia, Social and Behavioral Sciences, 2015, 175, 3-11.	0.5	0
52	Supply network configuration archetypes for the circular exploitation of solid waste. International Journal of Integrated Supply Management, 2020, 13, 302.	0.3	0
53	Sustainability dynamics in the electricity sector: the role of marketing. International Journal of Strategic Innovative Marketing, 0, , .	0.0	0